

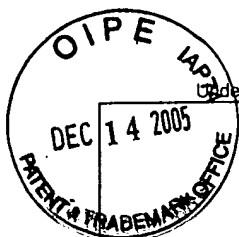
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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/618,142
	Filing Date	July 10, 2003
	First Named Inventor	Tae-Hwan Kim
	Art Unit	2871
	Examiner Name	David Y. Chung
Total Number of Pages in This Submission	Attorney Docket Number	347269-991190

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard; Check No. <u>580122</u> Cited references
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual name	JON IKEGAMI
Signature	<i>[Signature]</i>
Date	December 12, 2005

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

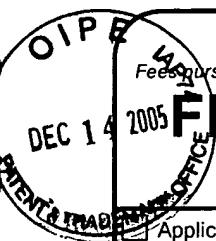
Typed or printed name	Susan Pingue
Signature	<i>[Signature]</i>
Date	December 12, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## for FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

### Complete If Known

Application Number	10/618,142
Filing Date	July 10, 2003
First Named Inventor	Kim et al
Examiner Name	David Y. Chung
Art Unit	2871
Attorney Docket No.	347269-991190

TOTAL AMOUNT OF PAYMENT (\$130.00)

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 07-1896 Deposit Account Name: DLA Piper et al

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Multiple Dependent Claims</b>	
0 - 20 or HP = 0 x 25 = 0	Fee (\$)	Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20	0	0
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
0 - 3 or HP = 0 x 200 = 0	Fee (\$)	Fee Paid (\$)
HP = highest number of independent claims paid for, if greater than 3		

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
18	- 100 = 0	/50 = 0 (round up to a whole number)	x 250	= 0

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Petition fee re IDS

130.00

### SUBMITTED BY

Signature	Registration No. 51,115 (Attorney/Agent)	Telephone 650-833-2104
Name (Print/Type) <b>DAVID I. KEGAMI</b>	Date <b>December 12, 2005</b>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>INFORMATION DISCLOSURE STATEMENT</b>	Applicants	Kim et al
	Application No.	10/618,142
	Filed:	July 10, 2003
	For:	Vertically Aligned Liquid Crystal Display Device Having An Optimized Viewing Angle
	Group Art Unit:	2871
	Examiner:	David Y. Chung
	Attorney Docket No.:	347269-991190

Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application.

This Information Disclosure Statement:

- |     |                                     |   |
|-----|-------------------------------------|---|
| (a) | <input type="checkbox"/>            | accompanies a new patent application submitted herewith.  |
| (b) | <input type="checkbox"/>            | is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR   |
| (c) | <input type="checkbox"/>            | after the period defined in (b) but before the mailing date of a Final Rejection or Notice of Allowance, OR   |
| (d) | <input type="checkbox"/>            | is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR |
| (e) | <input checked="" type="checkbox"/> | is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.                  |

As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

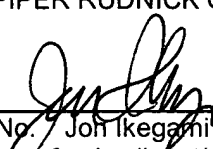
- |     |                                     |   |
|-----|-------------------------------------|---|
| (f) | <input checked="" type="checkbox"/> | Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or |
|-----|-------------------------------------|---|

12/14/2005 MGE BREM1 00000031 10618142


01 FC:1464

130.00 OP

(g)	<input type="checkbox"/>	No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application. Copies of the cited references are enclosed.		

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. <u>07-1896</u> .	
Date: <u>December 12, 2005</u>	Respectfully submitted,  DLA PIPER RUDNICK GRAY CARY US LLP  By:  Reg. No. <u>John Ikegami</u> (Reg. No. 51,115) Attorneys for Applicant(s) 2000 University Avenue East Palo Alto, CA 94303 650-833-2104

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	26379 <small>(Insert Customer No. or Attach bar code label here)</small>	
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<u>December 12, 2005</u> Date	 Susan Pingua



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	Attorney Docket Number: <b>347269-991190</b>	Serial Number: <b>10/618,142</b>
	Applicant: Kim et al	
	Filing date: July 10, 2003	Group art unit: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
	2001/0008920 A1	07-2001	Arakawa			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Date	Country	Class	Sub-class	Translation YES	NO
	1 118 885 A1	07-2001	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Office Action mailed on October 12, 2005 corresponding to the related European Patent Application No. 03 254 414.0 – 2205.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	